

COURSE SYLLABUS

LAST REVIEW	Spring 2021
COURSE TITLE	Audio Engineering Music Skills
COURSE NUMBER	AUDI 0101
DIVISION	Arts, Communications, and Humanities
DEPARTMENT	AUDI
CIP CODE	10.0203
CREDIT HOURS	4.00
CONTACT HOURS/WEEK	Class:4.00 Lab: X Clinical: X
PREREQUISITES	None

COURSE PLACEMENT Students must meet the correct placement measure for this course. Information may be found at:
<https://www.kckcc.edu/admissions/information/mandatory-evaluation-placement.html>

COURSE DESCRIPTION

Designed for audio engineering majors, this class gives students an understanding of concepts of pitch and time relevant to entering, editing, and interpreting performance data found in editing windows commonly found in Digital Audio Workstations. Skills to enable students to enter and interpret pitch over time data as used in popular music, such as melody, harmonic progressions, chord symbols, and tablature will be studied. These skills will enable to student to more effectively and efficiently use music production software, and more professionally communicate with musical talent in the recording studio or audio production environment. These skills and vocabulary will also enable the student to assume a more effective role as a producer.

KANSAS SYSTEMWIDE TRANSFER: AUDIO101

The learning outcomes and competencies detailed in this course outline or syllabus meet or exceed the learning outcomes and competencies specified by the Kansas Core Outcomes Groups project for this course as approved by the Kansas Board of Regents.

PROGRAM ALIGNMENT

This course is part of a program aligned through the Kansas Board of Regents and Technical Education Authority. For more information, please visit:
https://kansasregents.org/workforce_development/program-alignment

General Education Learning Outcome

- Basic Skills for Communication
- Mathematics
- Humanities
- Natural and Physical Sciences
- Social and Behavioral Sciences

Institutional Learning Outcomes

- Communication
- Computation and Financial Literacy
- Critical Reasoning
- Technology and Information Literacy
- Community and Civic Responsibility
- Personal and Interpersonal Skills

TEXTBOOKS

<http://kckccbookstore.com/>

METHODS OF INSTRUCTION

A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

COURSE OUTLINE:

- I. Grid/Key Editor Window Knowledge
 - A. The pitch axis – natural notes
 - B. The pitch axis – sharps and flats
 - C. The pitch axis - intervals
 - D. The time axis – beats and subdivisions
 - E. The time axis – notes and rest durations
 - F. The time axis – meters
 - G. The pitch axis - scale form construction
 - H. The pitch axis – chord forms, symbols, and construction

- II. Score/Notation Editor Window Knowledge
 - A. Interpreting data in the score/notation editor
 - B. Writing data as notation
 - C. Notes and duration data in the score/notation editor
 - D. Rests and duration data in the score/notation editor
 - E. Meters in the score/notation editor
 - F. Key Signatures in the score/notation editor
 - G. Notation data entry of scale forms in the score/notation editor
 - H. Rhythm entry in the score/notation editor
 - I. Rhythm interpretation in the score/notation editor
- III. Pitch and Time
 - A. Harmonic progressions in the grid/key editor
 - B. Harmonic progressions in the notation/score editor
 - C. Entry of melody
 - D. Interpretation of melody
- IV. Other Musical Performance Data Entry Systems
 - A. Chord symbols – notation entry and interpretation
 - B. Lead sheet entry and interpretation skills
 - C. Tabulature interpretation and entry

COURSE LEARNING OUTCOMES AND COMPETENCIES

Upon successful completion of this course, the student will:

- A. The student will demonstrate knowledge needed to accurately enter and edit note data using grid/key editors.
- B. The student will demonstrate knowledge needed to accurately enter and edit not data using score/notation editors.
- C. The student will demonstrate proficiency in pitch and time concepts used in Digital Audio Workstations and music production environments.
- D. The student will demonstrate the proficiency in other musical performance data entry systems used in Digital Workstations and music production environments.

COURSE COMPETENCIES:

Upon successful completion of this course:

The student will demonstrate knowledge needed to accurately enter and edit note data using grid/key editors.

1. The learner will be able to demonstrate knowledge of natural notes relevant to the pitch axis.
2. The learner will be able to demonstrate knowledge of sharps and flats relevant to the pitch axis.
3. The learner will be able to demonstrate knowledge of the concept of intervals relevant to the pitch axis.

4. The learner will be able to demonstrate knowledge of the concept of beats relevant to the time axis.
5. The learner will be able to demonstrate knowledge of the concept of beat subdivisions relevant to the time axis.
6. The learner will be able to demonstrate knowledge of the concepts of notes durations relative to the time axis.
7. The learner will be able to demonstrate knowledge of the concepts of rest durations relative to the time axis.
8. The learner will be able to demonstrate knowledge of the concept of meters relative to the time axis.
9. The learner will be able to demonstrate knowledge necessary to construct scales on the pitch axis.
10. The learner will be able to demonstrate knowledge necessary to construct chord forms, interpret chord symbols, and construct construction on the pitch axis.

The student will demonstrate knowledge needed to accurately enter and edit note data using score/notation editors.

11. The learner will be able to interpret notation found on score/notation editors.
12. The learner will be able to demonstrate proficiency at writing data as notation found on score/notation editors.
13. The learner will be able to discuss the concepts of notes and note durations relevant to score/notation editors.
14. The learner will be able to discuss the concepts of rests and rest durations relevant to score/notation editors.
15. The learner will be able to discuss the concept of meters relevant to score/notation editors.
16. The learner will be able to discuss the concept of time signatures relevant to score/notation editors.
17. The learner will be able to demonstrate knowledge necessary to enter various scale forms using score/notation editors.
18. The learner will be able to demonstrate knowledge necessary to enter various rhythm forms using score/notation editors.
19. The learner will be able to demonstrate knowledge necessary to interpret various rhythm forms using score/notation editors.

The student will demonstrate proficiency in pitch and time concepts used in Digital Audio Workstations and music production environments.

20. The learner will demonstrate knowledge of harmonic progressions necessary to enter and interpret data in the in the grid/key editor.
21. The learner will demonstrate knowledge of harmonic progressions necessary to enter and interpret data in the in the notation/score editor.
22. The learner will demonstrate knowledge of melody necessary to enter data in editor windows.

23. The learner will demonstrate knowledge of melody necessary to interpret data in editor windows.

The student will demonstrate the proficiency in other musical performance data entry systems used in Digital Audio Workstations and music production environments.

24. The learner will demonstrate knowledge of chord symbols necessary to enter notation and performance data.
25. The learner will demonstrate knowledge of chord symbols necessary to interpret notation and performance data.
26. The learner will demonstrate knowledge of lead sheets necessary to enter notation and performance data.
27. The learner will demonstrate knowledge of lead sheets necessary to interpret notation and performance data.
28. The learner will demonstrate knowledge of tablature necessary to enter and interpret notation and performance data.

ASSESSMENT OF COURSE LEARNING OUTCOMES AND COMPETENCIES

Student progress is evaluated through both formative and summative assessment methods. Specific details may be found in the instructor's course information document.

COLLEGE POLICIES AND PROCEDURES

Student Handbook

<https://www.kckcc.edu/files/docs/student-resources/student-handbook-and-code-of-conduct.pdf>

College Catalog

<https://www.kckcc.edu/academics/catalog/index.html>

College Policies and Statements

<https://www.kckcc.edu/about/policies-statements/index.html>

Accessibility and Accommodations

<https://www.kckcc.edu/academics/resources/student-accessibility-support-services/index.html>.